

REMARKS

By this Amendment claims 1-20 have been amended to better comply with U.S. practice. Entry is requested.

In the outstanding Office Action the examiner has rejected claims 1, 2 and 4-10 under 35 U.S.C. 102(b) as being anticipated by Buchalla et al., he has rejected claims 1-3, 11, 16 and 17 under 35 U.S.C. 102(e) as being anticipated by Karazivan et al., he has rejected claims 12-14 under 35 U.S.C. 103(a) as being unpatentable over Karazivan et al., and he has rejected claims 15 and 18-20 under 35 U.S.C. 103(a) as being unpatentable over Karazivan et al. in view of Buchalla et al.

These rejections are incorrect!

Buchalla et al. disclose a method and apparatus for detecting dental caries during treatment, the apparatus including a handpiece which has an integral drill head and an integral light source to cause tooth luminescence. However, there is no disclosure of a means for mixing colored light to a spotlight cone (the means of Buchalla et al. are operated alternatively).

Karazivan et al. disclose a dental tartar detection and removal device which includes a powered tartar removal instrument 12, an illumination means 14, a detection means 16, and an analyzing system. There is no disclosure of a means for mixing colored light to a spotlight cone.

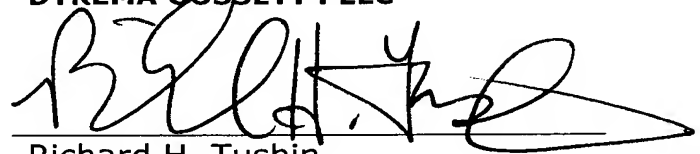
No combination of Buchalla et al. and Karazivan et al. would suggest the applicant's claimed apparatus or method.

The presented claims should be allowed.

Respectfully submitted,

**DYKEMA GOSSETT PLLC**

By:

A handwritten signature in black ink, appearing to read 'Richard H. Tushin', written over a horizontal line.

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